NUCLEAR SCIENCE ABSTRACTS

Volume 12 Number 24 December 31, 1958

SUPPLEMENT

SUBJECT INDEX

Main entries in this index are generally specific materials, things, and processes. These are followed by modifiers that describe the properties of, and processes applied to, the main entries. A more complete description of the patterns and style of indexing used is included in the introductions to the subject index cumulations that are issued quarterly.

As an aid to the users of this index, references to report numbers, where appropriate, are included after the abstract number of the citation.

The number preceding the colon is the *NSA* volume number, and the number following is the abstract number in that volume. The designation (R) following the abstract number indicates that the abstract is of a progress report; (P) indicates a patent; and (T) indicates a translation. Abstracts for reports other than progress reports carry no letter designation. Published literature (journal article or book) is identifiable by the absence of a report number.

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rolling sheet from crystal bar, 12: 887(R) (ANL-4399(Del.))
separation from hafnium, 12: 776(R) (ISC-141)
separation from hafnium by solvent extraction, 12: 900(R) (ISC-144)
solubility in liquid bismuth, 12: 987(R) (BNL-309)
thermal cycling effects on, 12: 887(R) (ANL-4399(Del.))
weight gains in sodium, 12: 1087(R) (NAA-SR-1582)
welding, 12: 986(R) (BNL-176(Del.))

Zirconium Alloys

corrosion, 12: 890(R) (BMI-1080(Del.))
corrosion by steam and water at high temperature, 12: 943(R) (BMI-1144)
corrosion by water, 12: 974(R) (ANL-5345(Del.2))
diffusion of oxygen in, 12: 890(R) (BMI-1080(Del.))
heat treatment, 12: 890(R) (BMI-1080(Del.))
oxidation by air at 300 to 700°C, 12: 926 (ORNL-2029)

Zirconium Coatings

deposition on uranium by vapor plating, 12: 872(R) (KAPL-952(Del.))

Zirconium Compacts

production by resistance sintering, 12: 930(R) (SO-3004)
tensile properties, 12: 930(R) (SO-3004)

Zirconium Crystals

lattice parameter from 20 to 500°C, 12: 914(R) (MIT-1052(Pt.I(Del.)))

Zirconium Hydrides

thermal stability, 12: 890(R) (BMI-1080(Del.))

Zirconium Oxide Films

preparation of cubic forms by air oxidation of binary alloys, 12: 926 (ORNL-2029)

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Oak Ridge, Tennessee